

What is claimed is:

1. An inspection cell for optical devices comprising:
a block of optically transparent material having a bowl formed therein;
a spillway integrated with the bowl; and
a retainer for holding the block via a pivot point that allows the block to tip.
2. The inspection device of claim 1 further comprising a lens cup disposed at an end of the spillway for holding a lens.
3. The inspection device of claim 2 wherein the lens cup comprises a slot to expose a portion of an edge of the lens.
4. The inspection device of claim 1 wherein the block is made of optical glass.
5. The inspection device of claim 1 further comprising an aspheric shape at the bottom of the bowl.
6. The inspection device of claim 5 wherein the bottom of the bowl has an interior aspheric shape and an exterior aspheric shape.
7. The inspection device of claim 5 wherein the bottom of the bowl has an interior spherical shape and an exterior aspheric shape.
8. The inspection device of claim 1 wherein the bowl further comprises a lens incorporated into the bowl.
9. The inspection device of claim 1 wherein the block is made of optical acrylic.
10. A method for inspecting lens comprising the steps of:
providing a block of optically transparent material having a bowl formed with a spillway integrated with the bowl;
pivotally mounting the block within a retainer that allows the block to tip;

filling the bowl with a fluid;
placing a lens in the bowl; and
tipping the bowl to empty the fluid and the lens.

11. The method of claim 10 wherein the step of providing further comprises providing a lens holder within the spillway.

12. The method of claim 11 wherein the step of tipping further comprises tipping the block at a rate such that the lens is caught within the lens holder.

13. The method of claim 11 wherein the step of tipping further comprises tipping the block at a rate such that the lens spill out the spillway without being caught by the lens holder.

14. The method of claim 11 wherein the step of tipping further comprises selectively tipping the block at a rate to alternatively catch the lens within the lens holder or not catch the lens within the lens holder in accordance with a signal that identifies the lens as either satisfactory or not satisfactory, respectively.